

CLAIMS :

1. An actuator position control method for use in a recorded information reproducing apparatus in which at least one beam is directed onto a recorded track formed on a rotating optical recording medium and a corresponding signal is produced in response to light reflected by said recorded track when scanned by said beam, said method comprising the steps of :

- producing from a source of light at least said beam ;
- scanning with said beam the recorded track ;
- controlling the position of said beam in response to position control signals ;

said method being further characterized in that it also comprises the steps of :

- producing an additional beam ;
- scanning in advance, with said additional beam, a portion of recorded track which is located in front of the portion of recorded track that will be later, after a predetermined delay, scanned by the main beam ;
- on the basis of signals generated in response to the occurrence of possible defects detected by said additional beam on said front portion of recorded track, cancelling the effects of the variations of said corresponding signals, subsequent to variations of reflected light caused by said defects, by means of a modification of the position control signals generated for controlling the position of said main beam.

2. An apparatus for reading an optical recording medium on which information is recorded on at least one track, said apparatus being of the type comprising :

- means for generating from a light source a main beam directed onto said recorded track ;
- means for scanning with said beam the recorded track ;
- means for producing a corresponding signal in response to light reflected by said recorded track when scanned by said main beam ;
- means for generating position control signals from said corresponding signals ;
- means for controlling the position of said main beam in response to said position control signals ;

- means for reading the recorded information by means of a processing operator of said corresponding signal ;

said apparatus being further characterized in that it also comprises, for carrying out a method according to claim 1 :

- 5 - means for producing an additional beam ;
- means for scanning in advance, with said additional beam, the portion of recorded track which is located in front of the portion of recorded track scanned after a predetermined delay by the main beam ;
- 10 - means for cancelling, on the basis of signals generated in response to the occurrence of possible defects detected by said additional beam on said front portion of recorded track, the effects of the variations of said corresponding signals, subsequent to variations of reflected light caused by said defects, by means of a modification of the position control signals generated for controlling the position of said main
- 15 beam.